

OPTICAL & MECHANICAL SPECIFICATIONS

1. Application	For 1/3" Format Color Camera	
2. Focal Length	15 mm - 50 mm	
3. Maximum Relative Aperture	1 : 1.5	
4. Iris Range	F1.5 - T360 (Equivalent to F360)	
5. Image Size	$\phi 6$ mm (4.8 mm X 3.6 mm)	
6. Back Focal Length	14.07 mm(W) - 8.56(T) (in air)	
7. Flange Focal Length	12.5 mm (in air)	
8. Focus Range	∞ - 0.8 m (from Front of Lens)	
9. Field Angle		
a) Horizontal	Wide 18°29'	Tele 5°29'
b) Vertical	Wide 13°45'	Tele 4° 9'
c) Diagonal	Wide 23°21'	Tele 6°46'
10. Field of View at M.O.D		
a) Horizontal	Wide 271 mm	Tele 91 mm
b) Vertical	Wide 201 mm	Tele 69 mm
11. Clear Aperture		
a) Front	$\phi 19.6$ mm	
b) Rear	$\phi 10.6$ mm	
12. Exit Pupil Position	-50mm(W) -233mm(T) (from Image Plane)	
13. Control		
a) Iris	See Electrical Spec.	
b) Zoom (*1)	Manual (Op. Angle 60°)	
c) Focus	Manual (Op. Angle 60°)	
14. Mount	CS-Mount	
15. Filter Screw Size	_____	
16. Mass	Approx. 50 g	

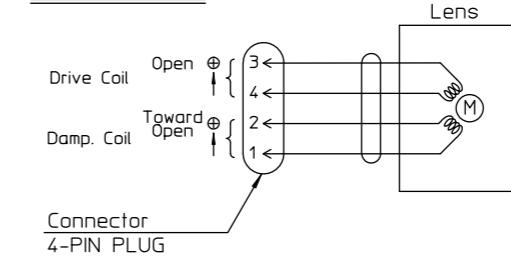
(*1) Out of Focus occurs during Zoom operation
due to the specification, Vari-focal length lens.

ELECTRICAL SPECIFICATIONS

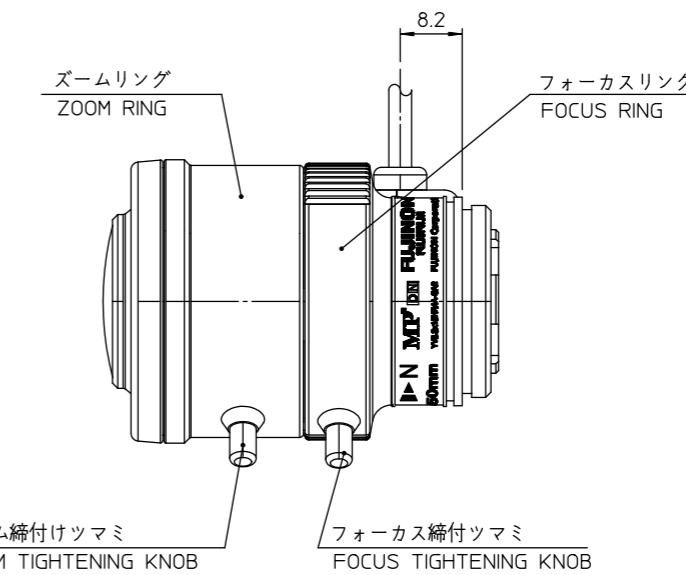
Iris Characteristics	
a) Control	Auto (Not Incorporating Amplifier)
b) Coil Resistance	Drive Coil 190 $\Omega \pm 10\%$ Damping Coil 500 $\Omega \pm 10\%$
c) Operating Current	23 mA (Max.) at 4V DC

* When power is turned off, iris will automatically be closed.

WIRING DIAGRAM

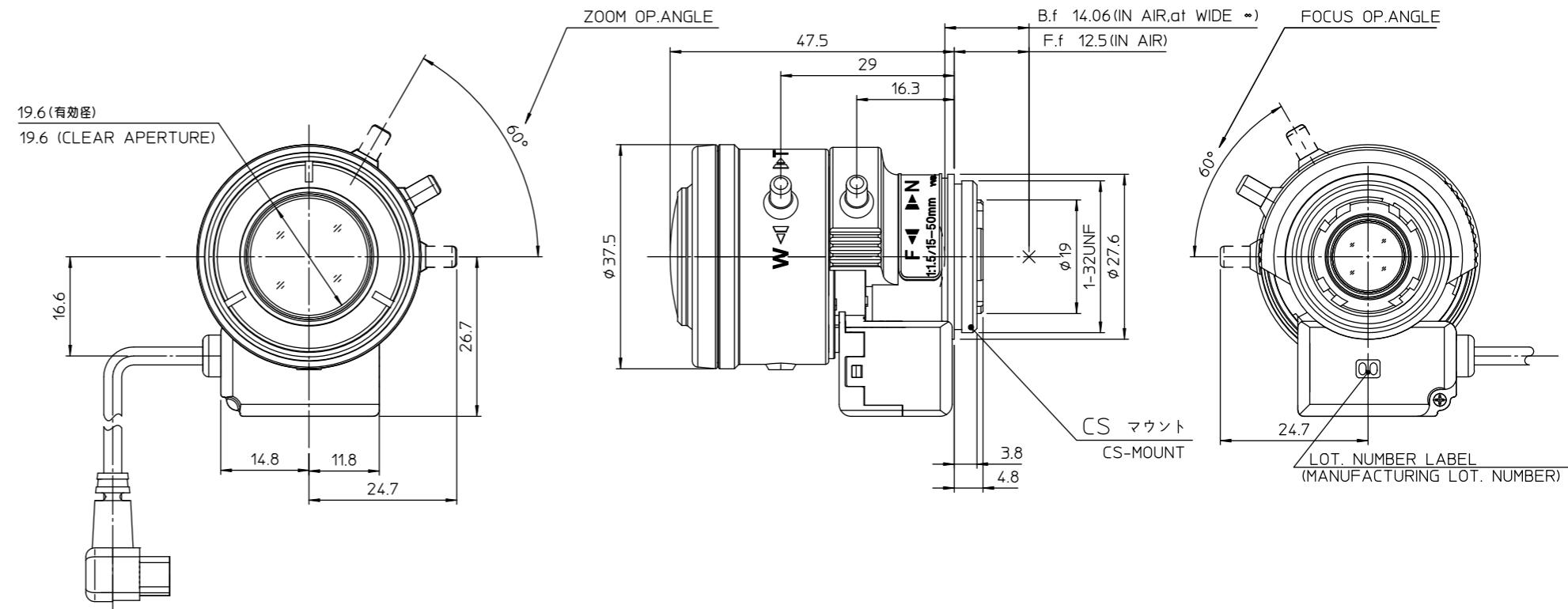


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ENVIRONMENTAL CONDITIONS

1. Temperature	
a) Operating	-10°C to +60°C
b) Storage	-20°C to +70°C
2. Relative Humidity	
35% to 90%	



レンズ本体：外観図
Outline drawing
YV3.3x15HR4A-SA2

Fig. 1